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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Dean R. E. Long

Attorney Docket No.: SUN1P279/P4888

Patent: 7,003,521 B2

Issued: February 21, 2006

Title: METHOD AND APPARATUS FOR
LOCKING OBJECTS USING SHARED LOCKS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on August 24, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22312-1450.

Signed: _____

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION
OF OFFICE MISTAKE
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: Certificate of Correction

**Certificate
AUG 31 2006
of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

CLAIMS:

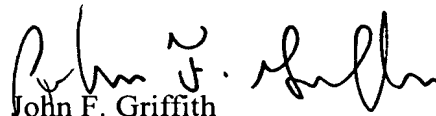
1. In line 23 of claim 11 (column 12, line 41) change "fur associating" to --for associating--. This appears correctly in Amendment AF as filed on August 22, 2005, on page 4, claim 11, line 15.
2. In line 2 of claim 18 (column 13, line 35) change "look identifier" to --lock identifiers--. This appears correctly in Amendment AF as filed on August 22, 2005, on page 6, claim 18, line 2.

AUG 31 2006

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P279).

Respectfully submitted,
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the data structure is arranged to be accessed by the at least one thread using a first value associated with the at least one object to identify the at least one lock.

9. (Original) An object-based computing system according to claim 8 further including:

a hashing mechanism, the hashing mechanism being arranged to create a hash value using information associated with the at least one object, wherein the first value is the hash value.

10. (Original) An object-based computing system according to claim 9 wherein the at least one corresponding address location is a hash value of the at least one corresponding address location.

11. (Previously Presented) A computer product for acquiring access to an object in an object-based system, the computer product comprising:

computer code for providing a thread that attempts to acquire access to an object;

computer code for identifying a memory address value associated with the object;

computer code for identifying a first synchronization construct that is suitable for use in granting access to the object, wherein the first synchronization construct is identified using at least part of the memory address value;

computer code for determining when the first synchronization construct is available;

computer code for, when the first synchronization construct is unavailable, determining whether the thread that is attempting to acquire access to the object is already associated with the object;

computer code for, when the thread that is attempting to acquire access to the object is already associated with the object, releasing the association such that the thread is not associated with the object;

computer code for associating the first synchronization construct with the object when it is determined that the first synchronization construct is available; and

a computer-readable medium that stores the computer codes.

12. (Original) A computer program product for acquiring access to an object as recited in claim 11 wherein the computer code for identifying a first synchronization construct that is suitable for granting access to the object includes:

plurality of lock identifiers is associated with corresponding index values included in the plurality of index values;

wherein the associated lock is held by a thread, and the associated lock can be released such that an object associated with the lock is not locked ~~by the thread~~ in response to a determination that a requesting thread is also the thread that is holding the associated lock.

18. (Original) A data structure according to claim 17 wherein at least one lock identifier included in the plurality of lock identifiers is associated with more than one index value included in the plurality of index values.

19. (Original) A data structure according to claim 18 wherein the data structure is arranged to be accessed by a thread using a value corresponding to a first index value included in the plurality of index values to identify a suitable lock for use in locking a first object included in the computing system.

20. (Original) A data structure according to claim 17 wherein the plurality of index values are hash values of address locations associated with the computing system.

21. (Previously Presented) A computer-implemented method for acquiring access to an object in an object-based system, the method comprising:

providing a thread that attempts to acquire access to an object;
identifying a memory address value associated with the object;
identifying a first synchronization construct that is suitable for use in granting access to the object;
determining that the first synchronization construct is unavailable;
when it is determined that the first synchronization construct is unavailable, determining that the thread that is attempting to acquire access to the object is already associated with the object; and
when it is determined that the thread that is attempting to acquire access to the object is already associated with the object, releasing the association such that the thread is not associated with the object.

22. (Previously Presented) A computer program product for acquiring access to an object in an object-based system, the computer program product comprising:

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(Also Form PT-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,003,521 B2

Page 1 of 1

DATED : February 21, 2006

INVENTOR(S) : Dean R. E. Long

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Claims:

In line 23 of claim 11 (column 12, line 41) change "fur associating" to --for associating--.

In line 2 of claim 18 (column 13, line 35) change "look identifier" to --lock identifiers--.

MAILING ADDRESS OF SENDER:

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AUG 31 2006